

AMENDMENTS

Please cancel claims 8-19, 21-37, 44, 46, 47, 49 and 53-55 without prejudice. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method of making a glycosylated antibody having a reactive ketone group on the glycosylated site, comprising:

expressing SP2/0 cells that are transfected with a vector encoding an antibody having one or more N-glycosylation sites in the CH1 or V κ domain in a culture medium comprising a ketone derivative of a saccharide or biosynthetic saccharide precursor, where the ketone derivative of the saccharide or biosynthetic saccharide precursor is selected from the group consisting of N-levulinoyl mannosamine and N-levulinoyl fucose, so that they produce a glycosylated antibody having a reactive ketone group on the glycosylated site.

Claims 2-3 (Canceled).

4. (Original) The method of claim 1, wherein the antibody has more than one glycosylation site.

5. (Original) The method of claim 1, wherein the antibody is a single-chain antibody.

6. (Previously Presented) A method of making a glycosylated antigen-binding antibody fragment having a reactive ketone group on the glycosylated site comprising:
expressing SP2/0 cells that are transfected with a vector encoding an antibody having one or more N-glycosylation sites in the CH1 or V κ domain in a culture medium comprising a ketone derivative of a saccharide or biosynthetic saccharide precursor, wherein said ketone derivative of the saccharide or biosynthetic saccharide precursor is selected from the group consisting of N-levulinoyl mannosamine and N-levulinoyl fucose, so that they produce a glycosylated antibody having a reactive ketone group on the glycosylated site, and
fragmenting the resulting glycosylated antibody to produce a glycosylated antigen-binding antibody fragment having a reactive ketone group on the glycosylated site.

7. (Original) The method of claim 6, wherein the fragment is an F(ab')₂ fragment.

Claims 8-37 (Canceled).

38. (Previously Presented) A method of making a glycosylated antibody having a reactive ketone group on the glycosylated site, comprising:
expressing SP2/0 cells that are transfected with a vector encoding an antibody having a HCN1, HCN5 or V κ N-glycosylation site in a culture medium comprising a ketone derivative of a saccharide or biosynthetic saccharide precursor, where the ketone derivative of the saccharide or biosynthetic saccharide precursor is selected from the group consisting of N-levulinoyl mannosamine and N-levulinoyl fucose, so that they produce an N-glycosylated antibody having a reactive ketone group on the glycosylated site.

Claims 39-40 (Canceled).

41. (Previously Presented) A method making a glycosylated antigen-binding antibody fragment having a reactive ketone group on the glycosylated site, comprising:
expressing SP2/0 cells that are transfected with a vector encoding an antibody having a HCN1, HCN5 or V κ N-glycosylation site in a culture medium comprising a ketone derivative of a saccharide or biosynthetic saccharide precursor, where the ketone derivative of the saccharide or biosynthetic saccharide precursor is selected from the group consisting of N-levulinoyl mannosamine and N-levulinoyl fucose, so that they produce a glycosylated antibody having a reactive ketone group on the glycosylated site, and
fragmenting the resulting glycosylated antibody into a glycosylated antigen-binding antibody fragment having a reactive ketone group on the glycosylated site.

Claims 42-55 (Canceled).